

**REMARKS**

Claims 1-2 and 4-6 are currently pending on the merits and under examination. Claim 1 has been amended more clearly recite the claimed invention. Claims 3 and 7-8 have been canceled without disclaimer or prejudice. Applicants reserve the right to file one or more continuation or divisional applications to any withdrawn or canceled subject matter. No new matter has been added.

**I. Rejection Of The Claims Under 35 U.S.C. § 112, Second Paragraph**

Claims 1-2 and 4-6 are rejected at pages 2-3 of the office action under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicants have amended claim 1 to overcome the rejection.

Therefore, Applicants respectfully submit that the rejections of claim 1-2 and 4-6 under 35 U.S.C. § 112, second paragraph, should be reconsidered and withdrawn.

**II. The Rejections Under 35 U.S.C. § 112, First Paragraph, Should be Withdrawn**

**A. New Matter**

Claims 1-2 and 4-6 are rejected at page 3 of the office action under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the written description requirement.

Applicants have amended claim 1 to recite “synonymous codons with a usage frequency of 0-10 %<sub>oo</sub>” to overcome the rejection. Support for the amendment can be found in the specification as filed, for example, at paragraph [0009].

Therefore, Applicants respectfully submit that the rejections of claim 1-2 and 4-6 under 35 U.S.C. § 112, first paragraph, should be reconsidered and withdrawn.

**B. Enablement**

Claims 1-2 and 4-6 are rejected on pages 4-5 of the office action under 35 U.S.C. § 112, first paragraph, as allegedly not being enabled.

Applicants respectfully submit that the claims have been amended to recite “synonymous codons with a usage frequency of 0-10 %<sub>oo</sub>” thereby overcoming the rejection.

Therefore, Applicants respectfully submit that the rejections of claim 1-2 and 4-6 under

35 U.S.C. § 112, first paragraph, should be reconsidered and withdrawn.

**III. Conclusion**

The foregoing amendments and remarks are being made to place the application in condition for allowance. Applicants respectfully request entry of the amendments, reconsideration and the timely allowance of the pending claims. A favorable action is awaited. Should the Examiner find that an interview would be helpful to further prosecution of this application, she is invited to telephone the undersigned at their convenience.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. §1.136 not accounted for above, such an extension is requested and the fee should be charged to Deposit Account 50-0310.

Dated: **April 7, 2009**

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Respectfully submitted,  
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